PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE erwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application Number 10/696.540 TRANSMITTAL Filing Date October 28, 2003 **FORM** First Named Inventor Rydell, Theodore B. Art Unit (to be used for all correspondence after initial filing) 1731 Examiner Name Not assigned Attorney Docket Number 20 " 001432-0170 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Postcard Request for Refund Express Abandonment Request Foreign references for IDS CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority ** each piece of prior art counted as one page only Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm GODFREY & KAHN, SC Denise L. Stoker, 47111 Individual name

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

March 29, 2004

Signature

Signature Date

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to

process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Coi	Complete if Known				
Application Number	10/696,540				
Filing Date	October 28, 2003				
First Named Inventor	Theodore B. Rydell				
Art Unit	1731				
Examiner Name	Not assigned				
Attorney Docket Number	001432-0170				

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No. ¹	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		^{US-} 20020031966	03/14/2002	Tomarchio et al.	
		^{US-} 20020081930	06/27/2002	Jackson et al.	٠.
		^{US-} 20020146552	10/10/2002	Mumick et al.	
		^{US-} 20020155281	10/24/2002	Lang et al.	
		^{US-} 20030022568	01/30/2003	Branham et al.	
		^{US-} 20030026963	02/06/2003	Chang et al.	
		^{US-} 20030027470	02/06/2003	Chang et al.	
· · · · · · · · · · · · · · · · · · ·		us- 20030032352	02/13/2003	Chang et al.	
		^{US-} 4755421	07/05/1988	Manning et al.	
		^{US-} 5500281	03/19/1996	Srinivasan et al.	
1.001		^{US-} 5509913	04/23/1996	Yeo	
		^{US-} 5629081	05/13/1997	Richards et al.	
		^{US-} 5667635	09/16/1997	Win et al.	
		US- 5935880	08/10/1999	Wang et al.	
		us- 6103061	08/15/2000	Anderson et al.	
•		^{US-} 6190502	,	Takeuchi et al.	
		US- 6436234		Chen et al.	
		^{US-} 6451718		Yamada et al.	
		US-			

		FORE	IGN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
•		WO00/38751	07/06/2000	Chang et al.		
		WO00/39378	07/06/2000	Pomplun et al.		
_		WO02/22352	03/21/2002	Annis et al.		
		WO02/43536	06/06/2002	Ngai		
		WO02/45620	06/13/2002	Durden		
		WO2002076723	10/03/2002	Walton et al.		

Examiner	Date	
Signature	Considered	1
Olgridia	Considered	· ·

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ter the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/696,540			
Filing Date	October 28, 2003			
First Named Inventor	Theodore B. Rydell			
Art Unit	1731			
Examiner Name	Not Assigned			
Attorney Docket Number	001432-0170			

	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
	ļ	Number-Kind Code ^{2 (# known)} US-	+		1.3			
		US-	1 1					
		US-						
		US-						
		US-						
		US-						
		US-			·			
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
<u>:</u> -		US-						
		US-						
		US-		• .				
		US-			-			
		US-						

		FORE	IGN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	<u> </u>	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Te
		WO2003005874	01/23/2003	Lang et al.		
		JP01097300	04/14/1989	Manning et al.		
		JP07222706	08/22/1995	Shigemitsu et		
		JP09085870	03/31/1997	ide et al.		
		JP9132896	05/20/1997	Takeuchi et al.		
		JP09132897	05/20/1997	Takeuchi et al.		

	· · · · · · · · · · · · · · · · · · ·		
Examiner		Date	
Signature		Considered	
Oignataro		00110100100	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/696,540				
Filing Date	October 28, 2003				
First Named Inventor	Theodore B. Rydell				
Art Unit	1731				
Examiner Name	Not Assigned				
Attorney Docket Number	001432-0170				

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
		Number-Kind Code ^{2 (if known)}			. Figures Appear		
		US-					
		US-					
		US-					
		US-					
		US-					
	-	US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-		· · · · · · · · · · · · · · · · · · ·			
		US-					
-		US-					
***		US-	,.				
		US-					
	<u> </u>	US-					
	 	US-	 				

		FORE	<u>IGN PATENT DOCL</u>	IMENTS	<u> </u>	
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T
		JP09154764	06/17/1997	Taniguchi		
		JP09170193	06/30/1997	Morohashi		
		JP09215625	08/19/1997	Nakamura		Τ
		JP11229293	08/24/1999	Nishiguchi		
						L
						T

Examiner			Date		
Signature		•	Considered		
. •		į.	i .		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.